basic imagery interpretation report

## First Broad-Ocean Area Missile Test from Shuangchengzi Missile Test Range Complex SSM, China (S)

MISSILE RANGES: STRATEGIC SSM SPACE FACILITIES

25X1

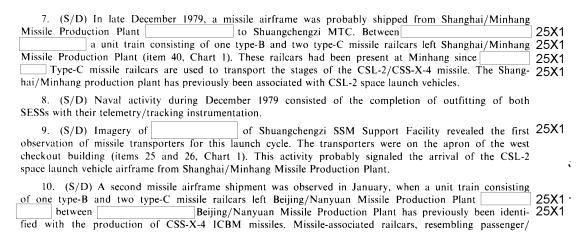
CHINA

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INSTALLATION OR ACTIVITY NAME				COUNTRY	
INSTALLATION OF ACTIVITY NAME					
Shuangchengzi Missile Test Range  UTM COORDINATES   GEOGRAPHIC COO			<u>,                                      </u>	СН	
NA 41-08-00N 10					25 <b>X</b> 1
MAP REFERENCE		4		<del>-</del>	
SAC. USATC, Series 200, Sheet 0	287-16, scale 1:200	0,000			
LATEST IMAGERY USED		NEGATION DATE	If required:		
		NA			25 <b>X</b> 1
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	AB	STRACT			
1. (S/D) This basic report chengzi Missile Test Range (MT in support of China's first out-o a map of the Shuangchengzi MT annotated photographs, and a cha	R) Complex SSM f-country, broad- ΓR, an overall ma	M ocean area (BOA) ap of associated fa	and several other associ ICBM flight test. The re	ated facilities port contains	25X1
	INTRO	ODUCTION	•		
2. (S/D) China's first BOA date by the Chinese. Launch-rela (Figures 1 and 2), including act portion of the SSM/space tracki that this coordination effort w preparation activity being done of instrumentation deployed to continue to improve their strategic	ated activity was ivity at two miss ng network, and as carried out e simultaneously at monitor these r	observed involving sile test centers, tw an 18-ship naval ta efficiently, with th one or several fac	coordinated activity at no missile production faci ask force. There is substance necessary diverse constitutes. The extensive and	nany facilities lities, a large ntial evidence truction and varied types	25X1
	BASIC D	DESCRIPTION			
3. (S/D) The initial launch preparation at Shuangchengzi MTR Complex SSM for the BOA missile launches was the start of construction of two new theodolite shelters (Figures 3A and 3B) between					25X1 25X1 25X1 25X1 25X1 25X1 25X1 25X1
4. (S/D) Naval activity du Wang space event support ships (S	_				
5. (S/D) Further launch preparation construction was started in late November 1979, when buried cables were installed to connect the new probable microwave transmission towers to their control buildings and an interconnecting cable network for mobile telemetry/tracking equipment to Shuangchengzi SSM Support Facility and SSM Tracking Facility 10. The installation of the buried cables at Tracking Facility 10 was delayed by the presence of the mobile telemetry/tracking equipment in support of the launch at Wuzhai MTC (items 22, 31, and 32; Chart 1). Installation of these interconnecting cable networks had been completed at Tracking Facility 10 by and at the SSM support					25X1 25X1
6. (S/D) Imagery of equipment set. Two of the nev chengzi-A (SCZ-A), were observ Shuangchengzi Launch Test Site may have been undergoing initia van trailer, and one pedestal-m	w telemetry/track yed adjacent to t B1/2. The equip I checkout. The S	ting equipment set the launch position ment appeared to b SCZ-A set consists	B2 launch control facil be cable connected to the of one cab-over-engine v	tion Shuang- ity (LCF) at B2 LCF and an truck, one	25X1 25X1
telemetry/tracking sets remained longer seen, and the second had	adjacent to the I	B2 LCF until	when one of the	e sets was no	25 <b>X</b> 1
set at Tracking Facility 10 remain			hen it was no longer in evi		25 <b>X</b> 1
		1			25X1
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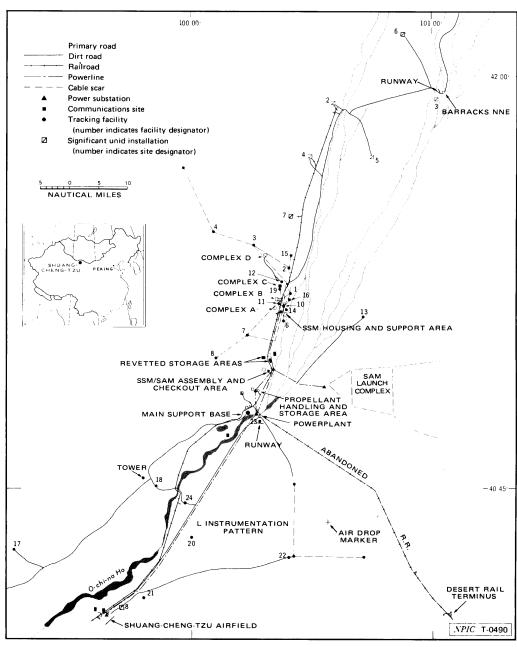


FIGURE 1. SHUANGCHENGZI MISSILE TEST CENTER, CHINA

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bagage cars, were also observed to have left the Beijing/Nanyuan plant between Imagery of revealed a single type-C misule railear and a CSS-2/3 transporter, in addition to the providing discused CSS-2/4 first- and second-stage transporters, at Shuangehengi SSM Support Perice of the CSS-2/3 transporter could not be associated with the current launch preparation activities of the second airframe (tiems 30, 42, and 46; Chart I). The price of the CSS-2/3 transporter could not be associated with the current launch preparation activities of the control of the c

to make room for the additional missile airframes.

I. (S/D) February imagery revealed further unusual prelaunch activity when unusually high counts of propellant railcars were seen at Shuangchengzi SSM Launch Complex B1/2. Imagery of howed three type-C1/2 propellant railcars (the usual number) on the siding serving the east propellant facility. On one type-L and seven type-K propellant railcars were on the siding serving the west propellant facility (usually only three type-K railcars are seen). A propellant trailcars apparently in progress at the time of the imagery. A group of personnel and a water washdown truck were adjacent to the propellant railcars and the transfer point. Imagery on of Shuangchengi MTC Propellant Facility.

Showed one type-L and seven type-K propellant railcars on the siding (items 4 and 5. Chart I).

building (items 25 and 26, Chart 1).

13. (S/D). Additional airframe shipments to the SSM support facility continued in late February.

18. (s/D). Additional airframe shipments to the SSM support facility continued in late February.

18. (item 43, Chart 1). At the same time, a number of missle-associated railcars were shipped from Beijing/Nanyuan (item 47, Chart 1). None of these rulcars was observed to arrive at Shuangchergal MTC; however, a second CSSX-4 first-stage tramsporter was parked on the apron of the east assembly, checkout are sufficient of the second Beijing/Nanyuan airframe shipmen, then at least three missle airframes would have been in the assembly/checkout area of Shuangchergh eight between the stage of the second Beijing/Nanyuan airframe shipmen, then at least three missle airframes would have been in the assembly/checkout area of Shuangchergh eight eig

insular tower position. In the depulyment was proposed year to the initial set with 10 sections of the control of the control

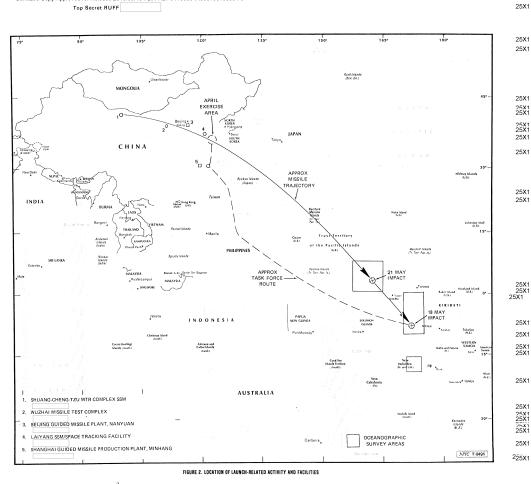
16. (5/D) Additional construction was observed at shungehengsi SSM Support Facility and Track-g Facility 10 during March.

1 at both facilities, a dark-toned material was read over the ground in the telemetry/tracking equipment deployment areas (Figures S and 6 and items and 33, Chart 1). This dark-toned material may have been to control either dust or ground reflection of electronic telemetry/tracking signates.

the electronic telemetry/tracking signals.

17. (S/D) Delivery of the telemetry/tracking equipment to the support areas at the tracking facilities was observed between at Shangenenger SSM Tracking Facility 10, the SSM Support Facility, and Wuzhai Missile Test Complex Instrumentation Area And Tracking Facilities by All of the telemetry/tracking equipment had been operationally deployed at all three facilities by All of the telemetry/tracking equipment the properties of the state of

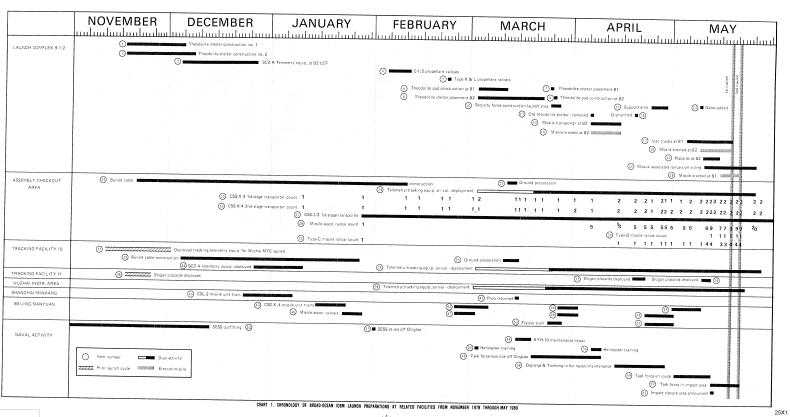
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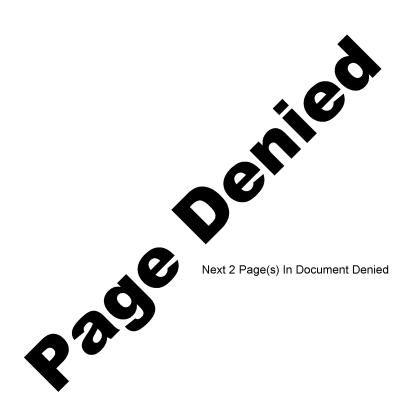
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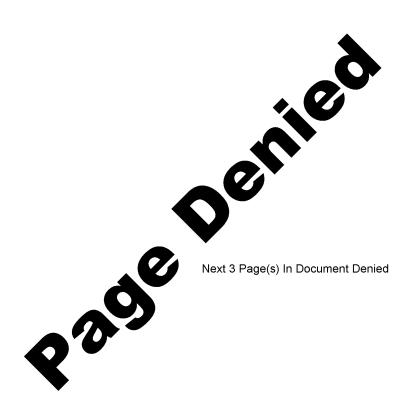
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(S) Comments and queries regarding this report are welcome. They may be directed to

Asian Forces Division, Imagery Exploitation Group, NPIC,



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